

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
 Data File : BE090337.D
 Acq On : 4 Aug 2015 8:48
 Operator : TP/UM
 Sample : G3174-02
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 080115-D506-E-U-M

Quant Time: Aug 04 13:21:18 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 04 02:31:31 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	6456	5.00	ng	0.00
6) Naphthalene-d8	10.36	136	28413	5.00	ng	0.00
12) Acenaphthene-d10	14.21	164	14334	5.00	ng	0.00
18) Phenanthrene-d10	16.95	188	30114	5.00	ng	0.00
25) Chrysene-d12	21.11	240	26929	5.00	ng	0.00
32) Perylene-d12	23.42	264	23511	5.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.22	112	3347	2.71	ng	0.00
5) Phenol-d6	6.78	99	2511	1.66	ng	0.00
7) Nitrobenzene-d5	8.74	82	6533	3.89	ng	0.00
13) 2,4,6-Tribromophenol	15.71	330	1555	5.96	ng	-0.02
14) 2-Fluorobiphenyl	12.83	172	16407	3.95	ng	0.00
27) Terphenyl-d14	19.56	244	24498	4.86	ng	-0.01

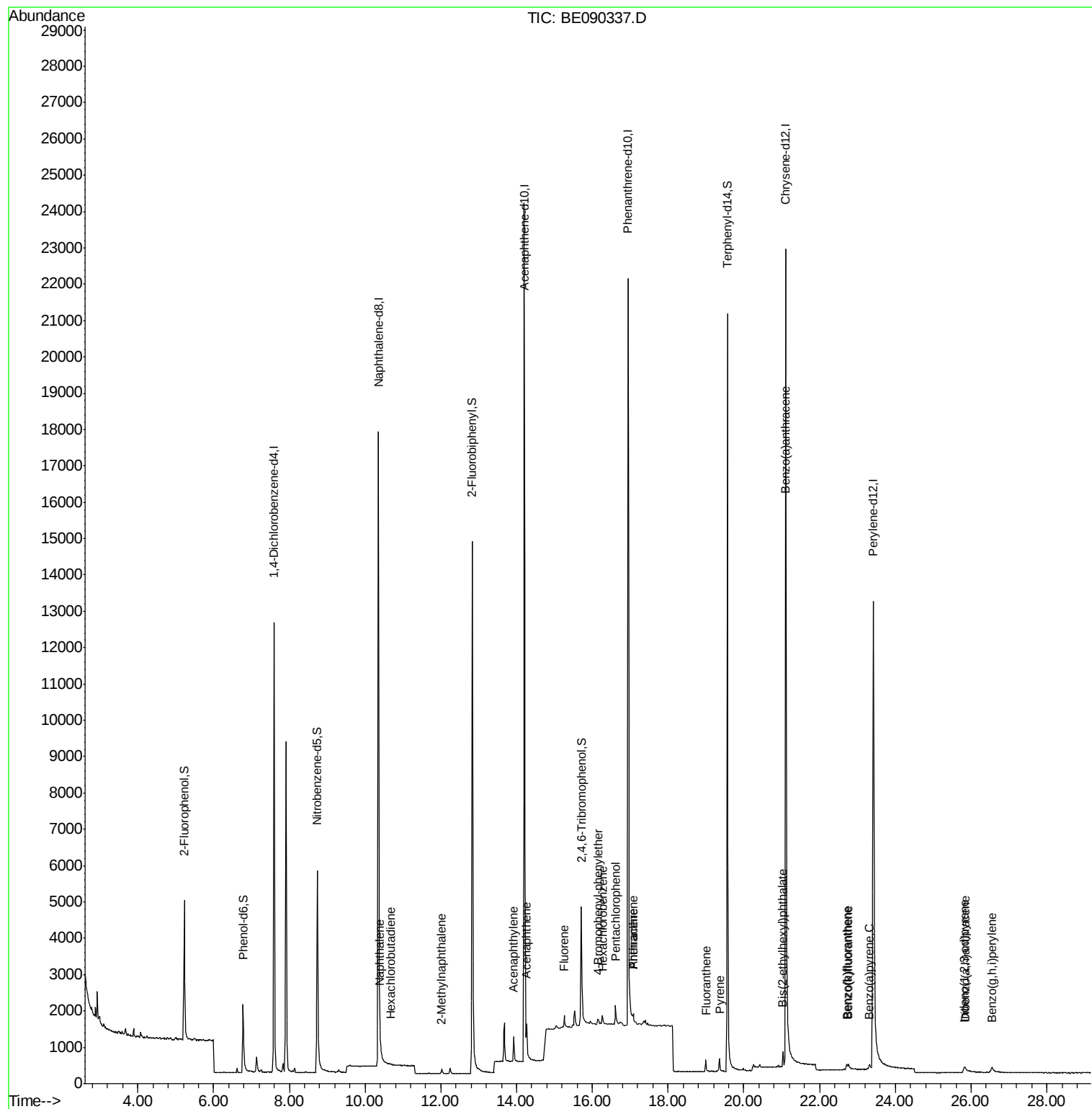
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.24	88	35	Below Cal	#	27
9) Naphthalene	10.40	128	149	0.02	ng	26
10) Hexachlorobutadiene	10.69	225	17	0.02	ng	80
11) 2-Methylnaphthalene	12.02	142	123	0.03	ng	82
15) Acenaphthylene	13.93	152	944	0.04	ng	98
16) Acenaphthene	14.27	154	150	0.04	ng	93
17) Fluorene	15.26	166	207	0.05	ng	74
19) 4-Bromophenyl-phenylether	16.16	248	55	0.05	ng	91
20) Hexachlorobenzene	16.27	284	200	0.05	ng	90
21) Pentachlorophenol	16.61	266	323	1.60	ng	89
22) Phenanthrene	17.08	178	225	0.03	ng	97
23) Anthracene	17.08	178	261	0.04	ng	98
24) Fluoranthene	19.00	202	372	0.05	ng	99
26) Pyrene	19.36	202	362	0.05	ng	98
28) Benzo(a)anthracene	21.09	228	329	0.06	ng	74
29) Chrysene	21.14	228	361	Below Cal	#	73
30) Bis(2-ethylhexyl)phthalate	21.03	149	423	0.39	ng	93
31) Indeno(1,2,3-cd)pyrene	25.82	276	360	0.25	ng	85
33) Benzo(b)fluoranthene	22.72	252	236	0.40	ng	52
34) Benzo(k)fluoranthene	22.77	252	295	0.05	ng	51
35) Benzo(a)pyrene	23.31	252	255	0.36	ng	42
36) Dibenzo(a,h)anthracene	25.84	278	171	0.26	ng	63
37) Benzo(g,h,i)perylene	26.55	276	445	0.34	ng	72

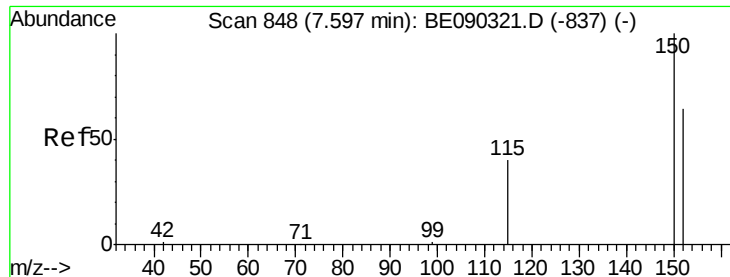
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE080315\
Data File : BE090337.D
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Sample : G3174-02
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Aug 04 13:21:18 2015
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE080315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 04 02:31:31 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.60 min Scan# 848

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

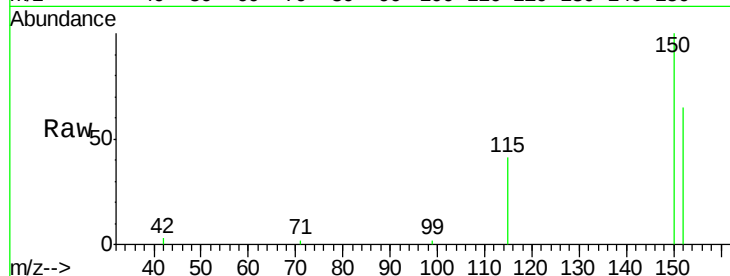
Tgt Ion: 152 Resp: 6456

Ion Ratio Lower Upper

152 100

150 153.4 124.2 186.2

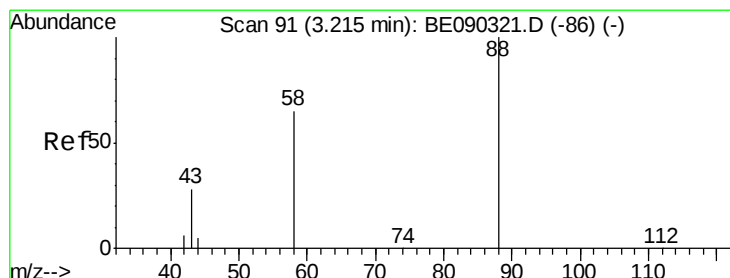
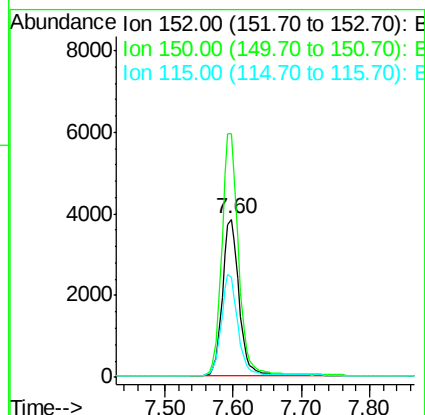
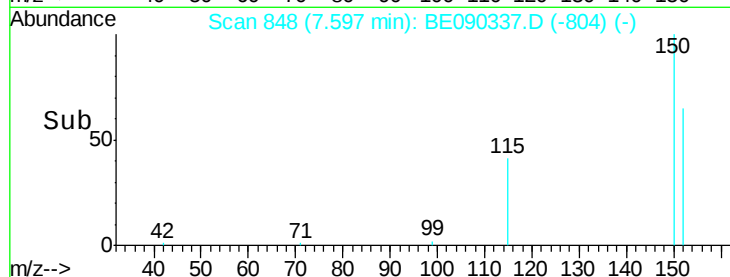
115 63.3 50.4 75.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: Below Cal

RT: 3.24 min Scan# 95

Delta R.T. 0.03 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

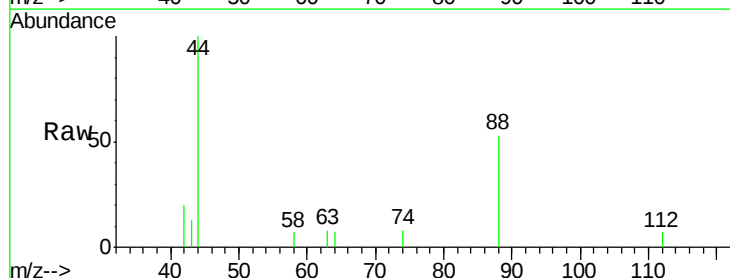
Tgt Ion: 88 Resp: 35

Ion Ratio Lower Upper

88 100

58 0.0 50.2 75.2#

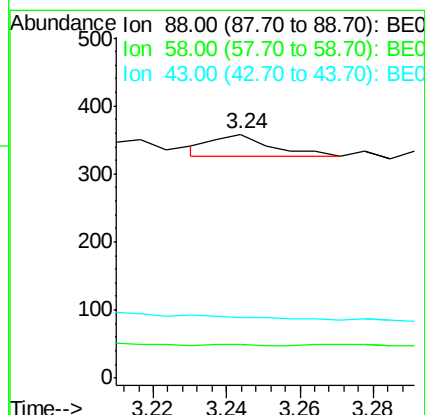
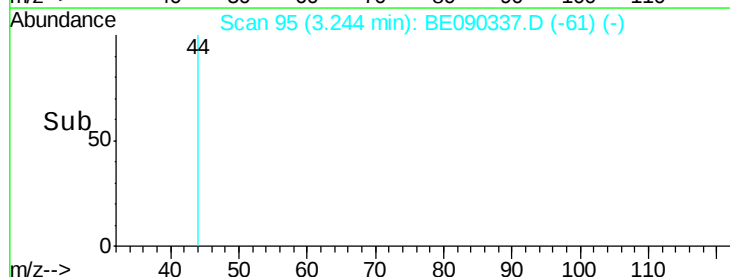
43 0.0 25.0 37.6#

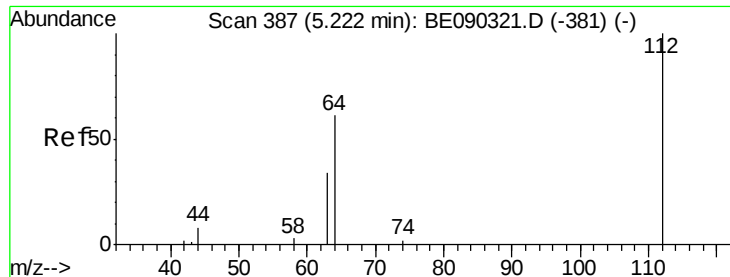


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#4

2-Fluorophenol

Concen: 2.71 ng

RT: 5.22 min Scan# 387

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

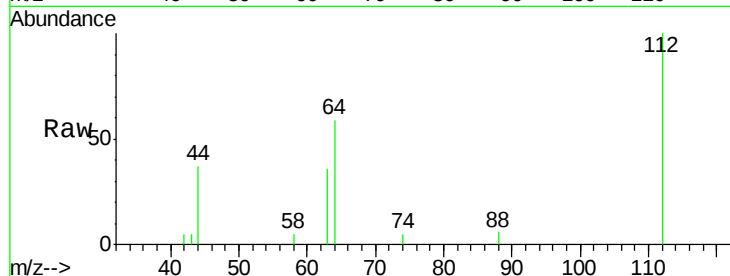
Tgt Ion: 112 Resp: 3347

Ion Ratio Lower Upper

112 100

64 57.8 49.0 73.4

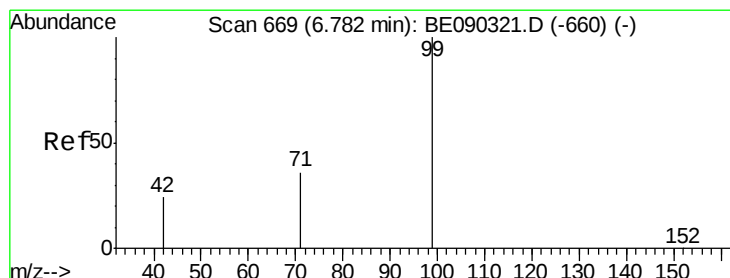
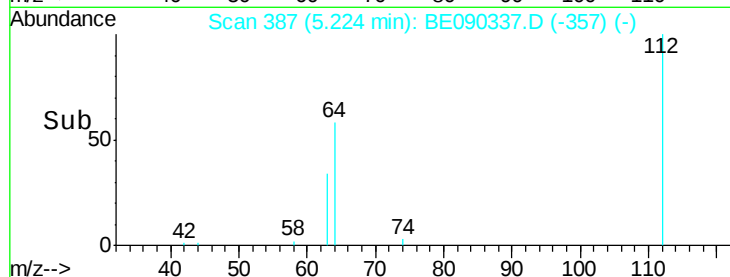
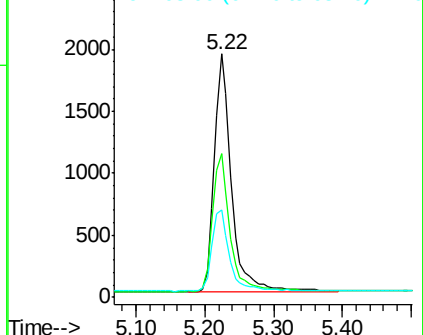
63 34.5 27.7 41.5



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 1.66 ng

RT: 6.78 min Scan# 668

Delta R.T. -0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

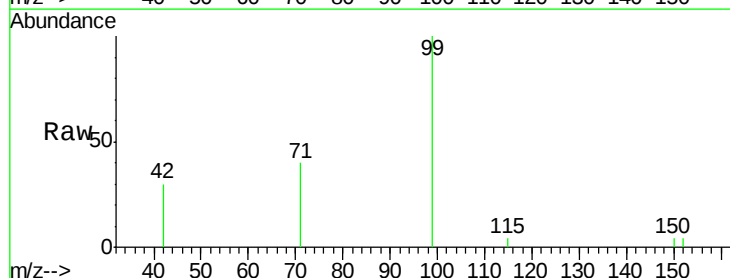
Tgt Ion: 99 Resp: 2511

Ion Ratio Lower Upper

99 100

42 26.3 22.2 33.2

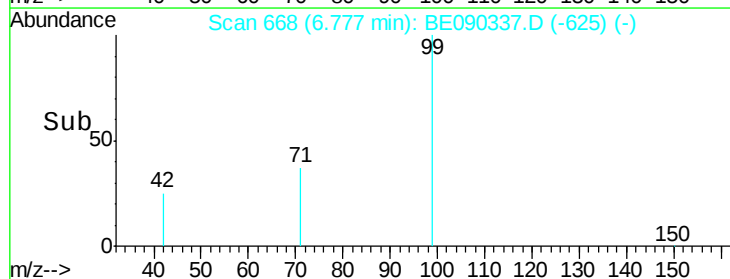
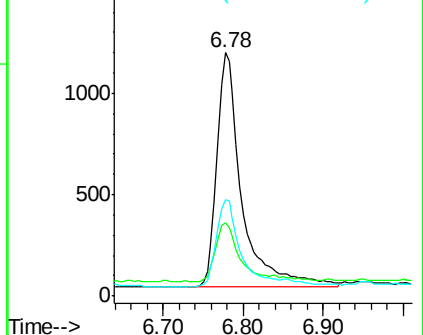
71 38.9 29.2 43.8

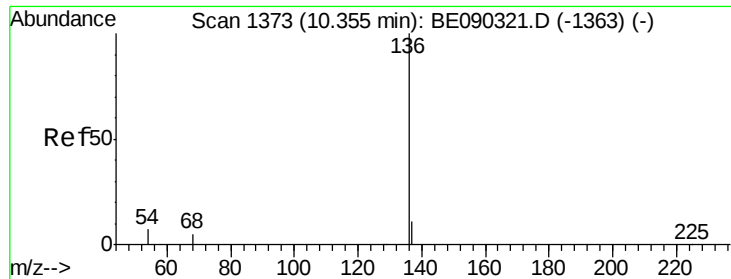


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0





#6

Naphthalene-d8

Concen: 5.00 ng

RT: 10.36 min Scan# 1373

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

Tgt Ion:136 Resp: 28413

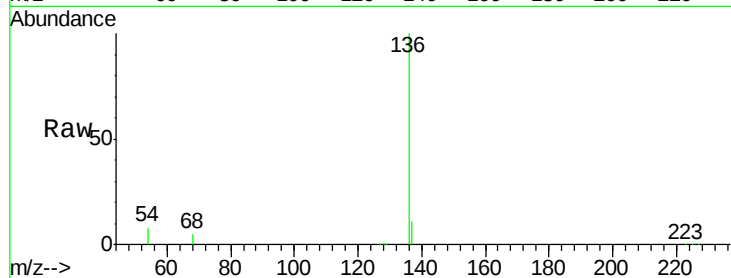
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.7 6.0 9.0

68 5.2 3.9 5.9

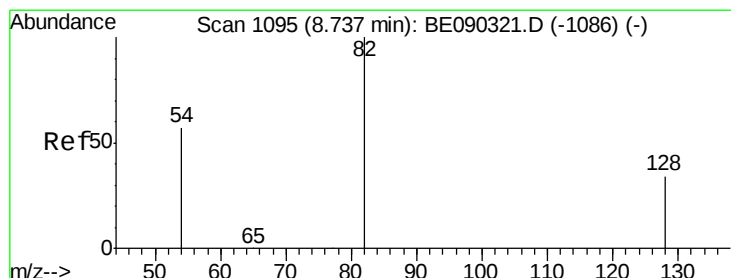
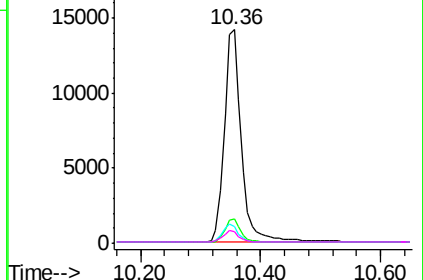
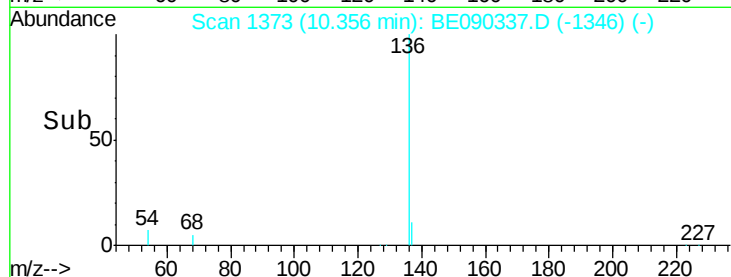


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#7

Nitrobenzene-d5

Concen: 3.89 ng

RT: 8.74 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

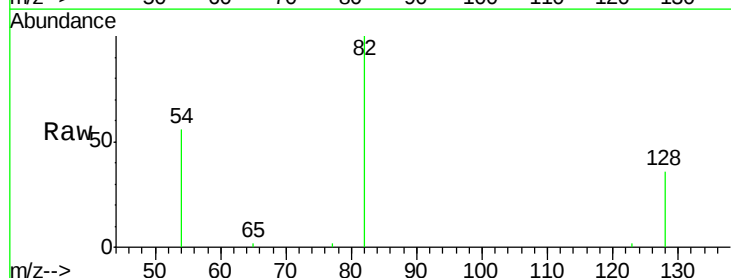
Tgt Ion: 82 Resp: 6533

Ion Ratio Lower Upper

82 100

128 36.2 30.8 46.2

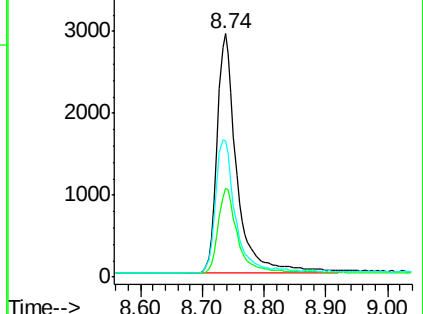
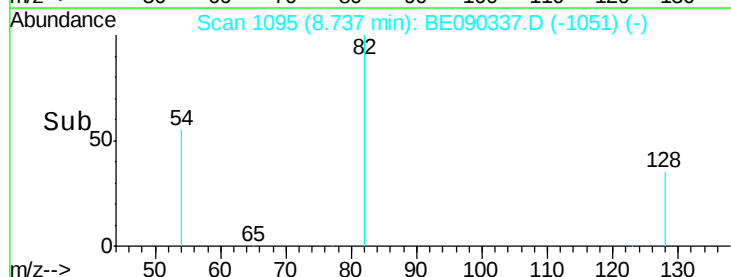
54 55.7 47.5 71.3

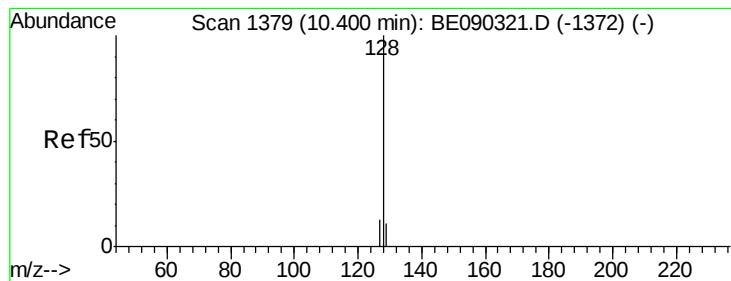


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.02 ng

RT: 10.40 min Scan# 1379

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

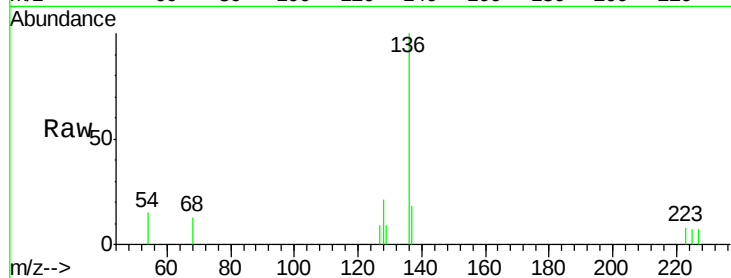
Tgt Ion:128 Resp: 149

Ion Ratio Lower Upper

128 100

129 43.0 10.1 15.1#

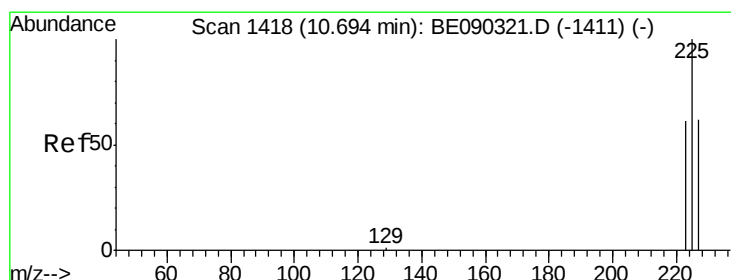
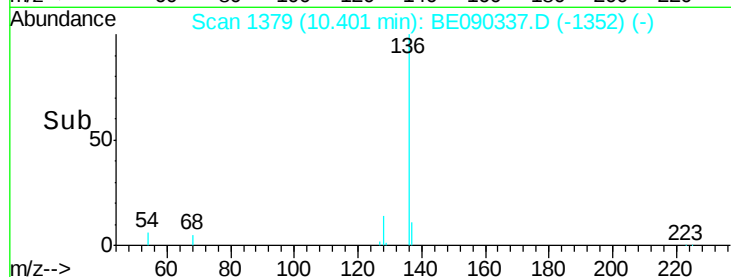
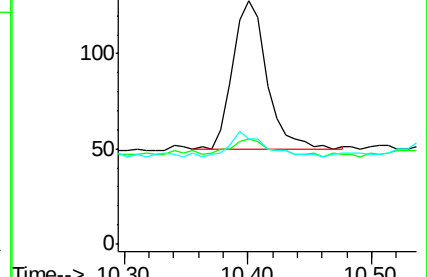
127 43.0 11.3 16.9#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.02 ng

RT: 10.69 min Scan# 1418

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

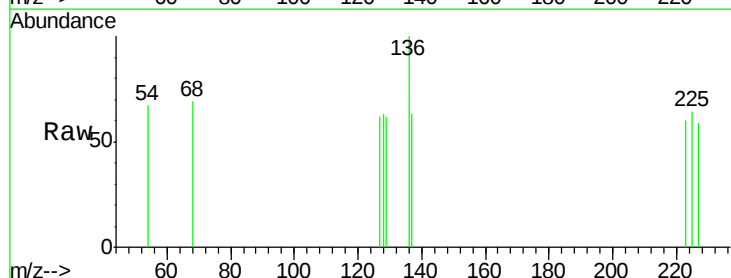
Tgt Ion:225 Resp: 17

Ion Ratio Lower Upper

225 100

223 35.3 50.4 75.6#

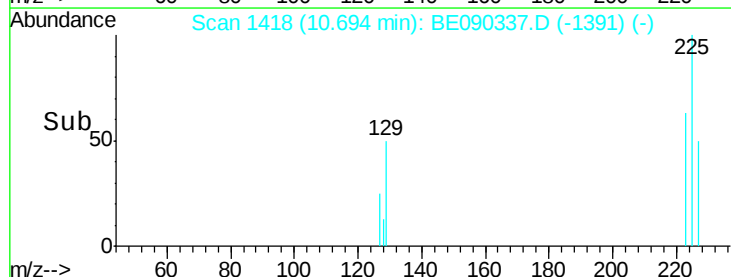
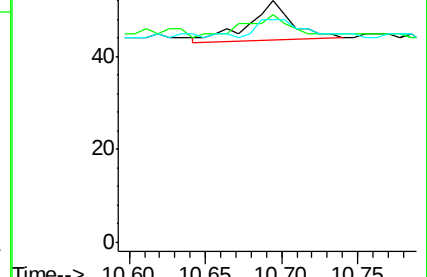
227 58.8 49.6 74.4

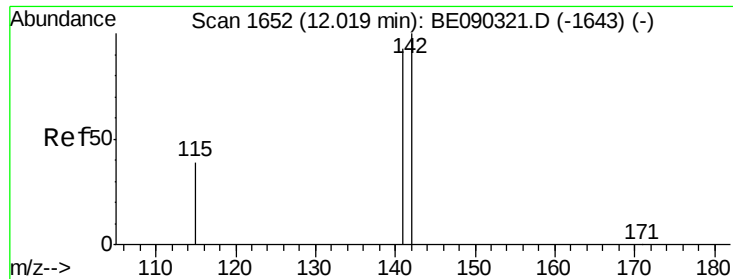


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

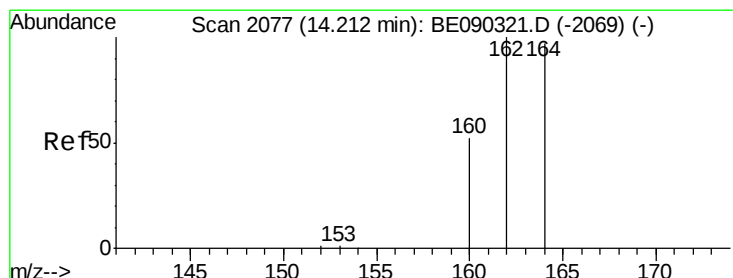
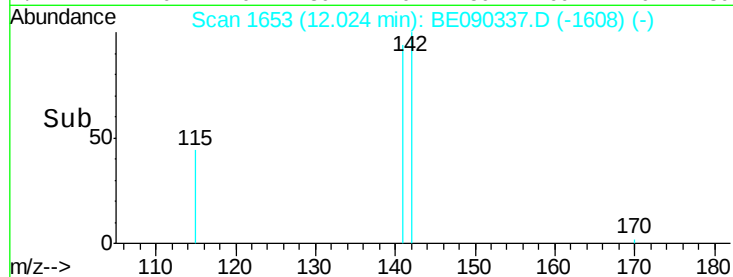
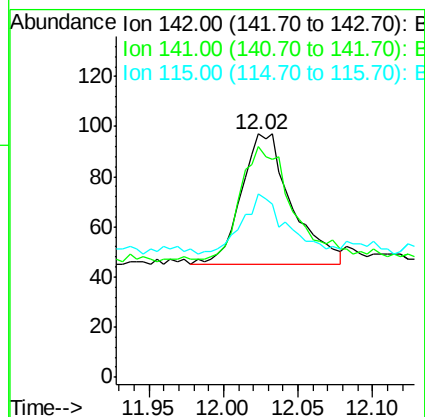
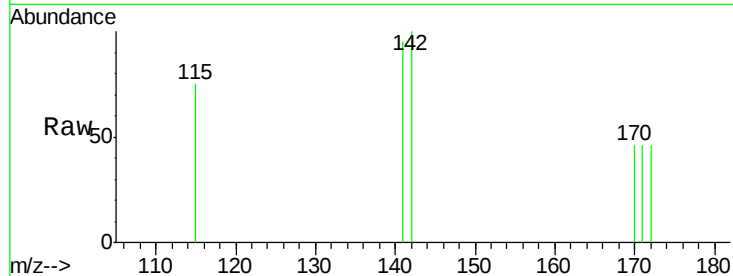




#11
2-Methylnaphthalene
Concen: 0.03 ng
RT: 12.02 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BE090337.D
Acq: 4 Aug 2015 8:48

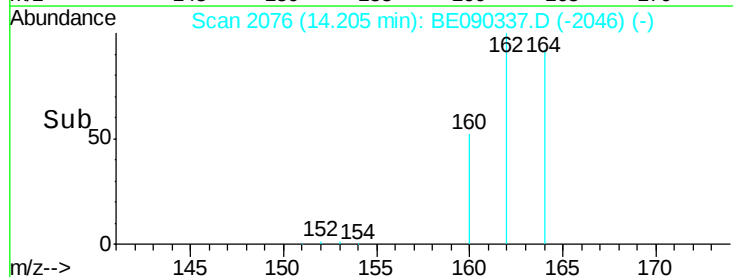
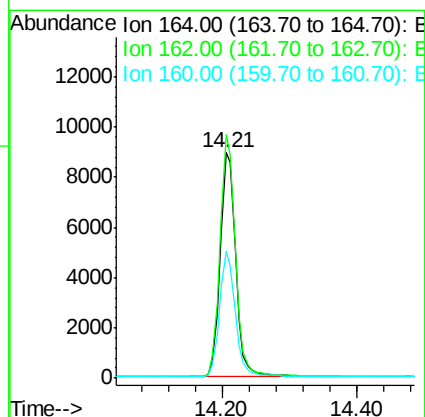
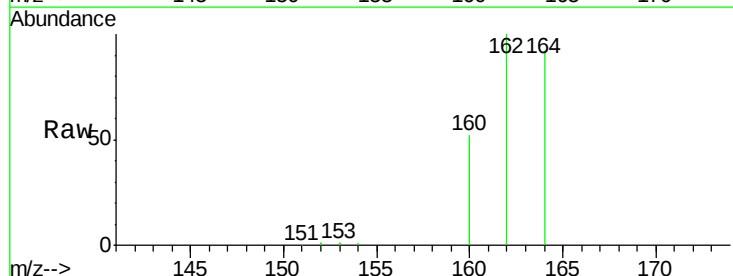
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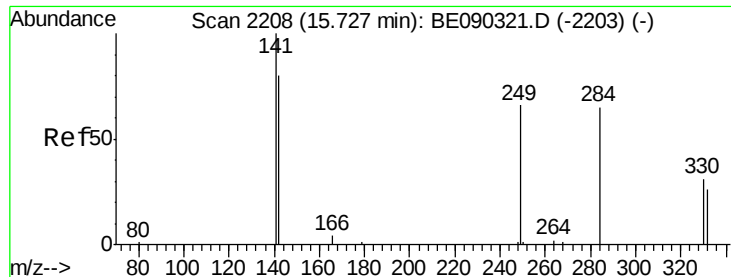
Tgt Ion:142 Resp: 123
Ion Ratio Lower Upper
142 100
141 94.8 74.6 112.0
115 75.3 32.6 49.0#



#12
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.21 min Scan# 2076
Delta R.T. -0.01 min
Lab File: BE090337.D
Acq: 4 Aug 2015 8:48

Tgt Ion:164 Resp: 14334
Ion Ratio Lower Upper
164 100
162 108.1 82.7 124.1
160 56.4 43.0 64.6

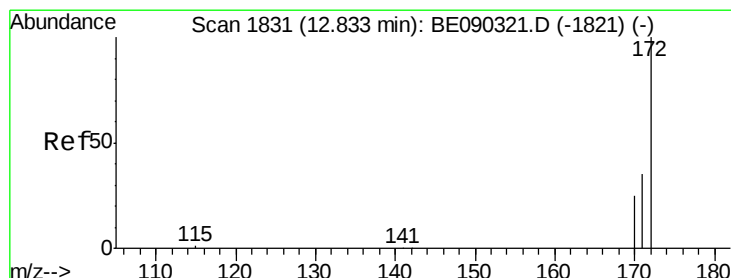
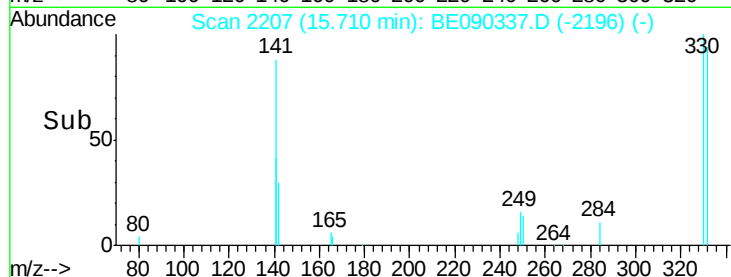
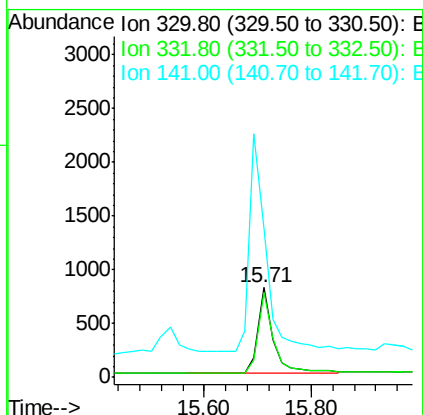
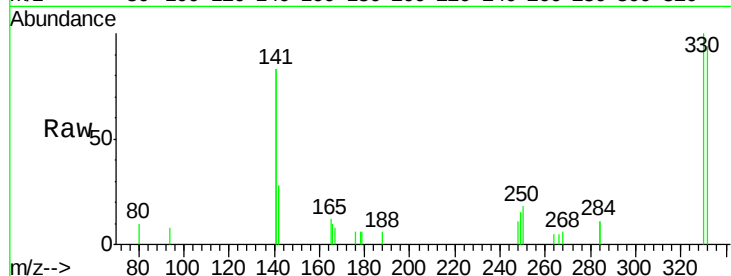




#13
 2,4,6-Tribromophenol
 Concen: 5.96 ng
 RT: 15.71 min Scan# 2207
 Delta R.T. -0.02 min
 Lab File: BE090337.D
 Acq: 4 Aug 2015 8:48

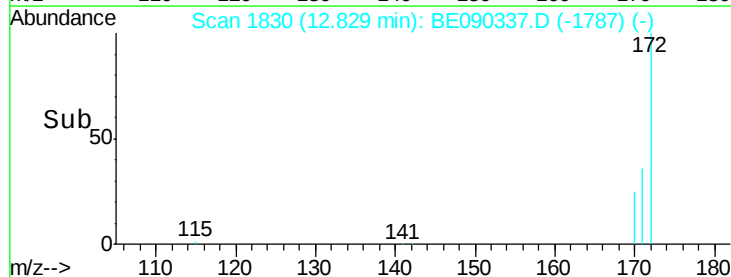
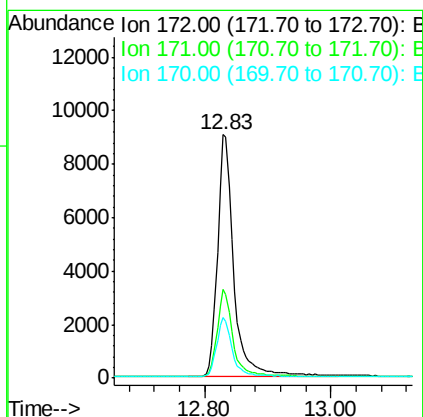
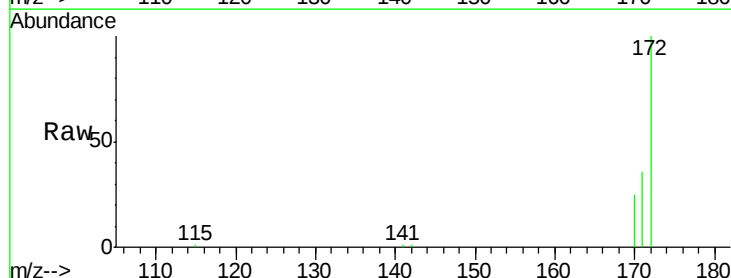
Instrument :
 BNA_E
 ClientSampleId :
 080115-D506-E-U-M

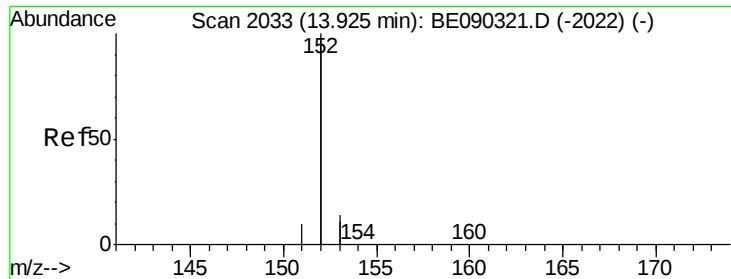
Tgt Ion:330 Resp: 1555
 Ion Ratio Lower Upper
 330 100
 332 94.3 79.4 119.0
 141 278.1 245.9 368.9



#14
 2-Fluorobiphenyl
 Concen: 3.95 ng
 RT: 12.83 min Scan# 1830
 Delta R.T. -0.00 min
 Lab File: BE090337.D
 Acq: 4 Aug 2015 8:48

Tgt Ion:172 Resp: 16407
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.5 44.3
 170 25.0 21.3 31.9





#15

Acenaphthylene

Concen: 0.04 ng

RT: 13.93 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

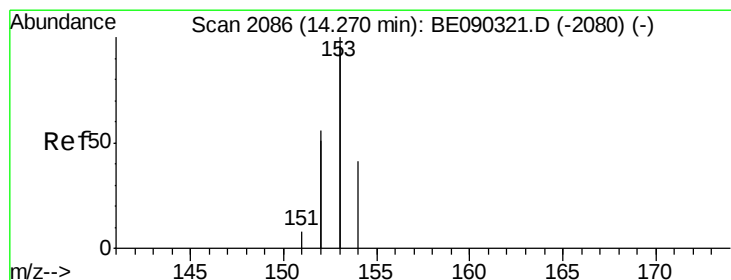
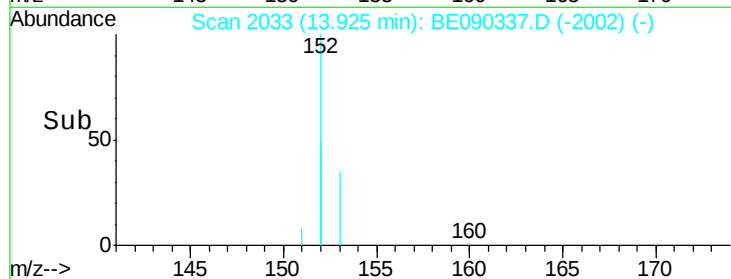
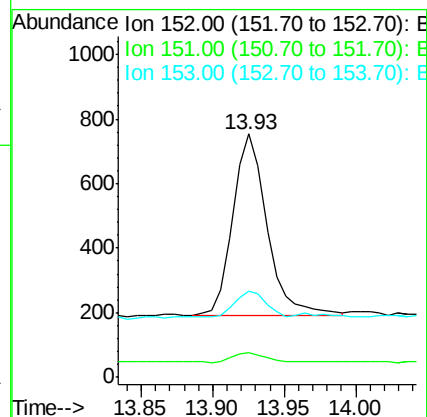
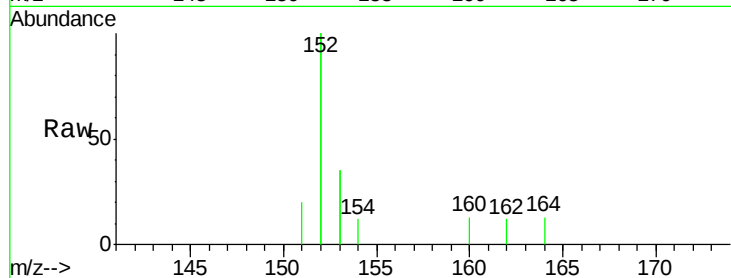
Tgt Ion:152 Resp: 944

Ion Ratio Lower Upper

152 100

151 5.3 4.0 6.0

153 13.6 10.2 15.4



#16

Acenaphthene

Concen: 0.04 ng

RT: 14.27 min Scan# 2086

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

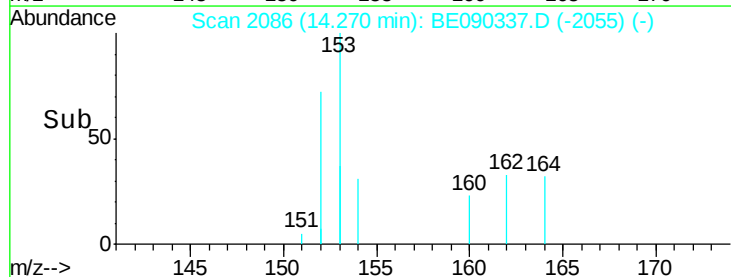
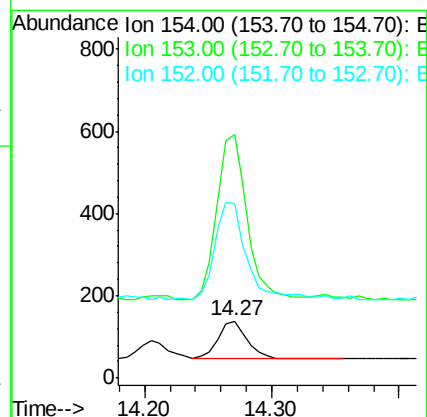
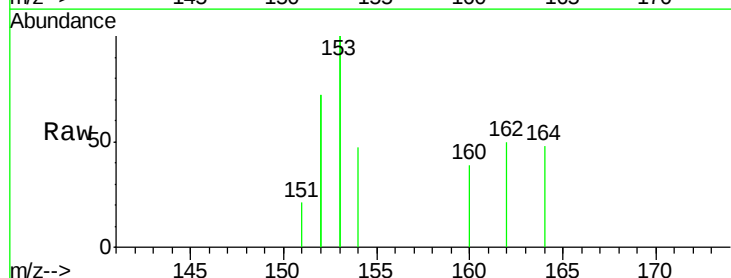
Tgt Ion:154 Resp: 150

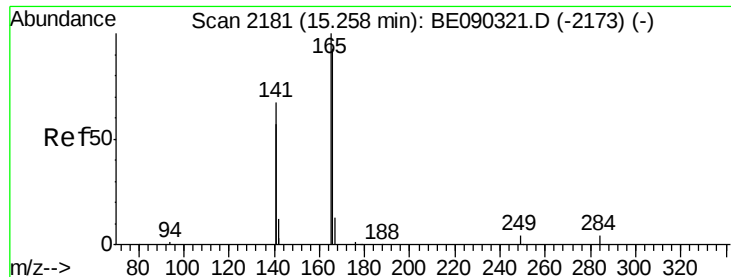
Ion Ratio Lower Upper

154 100

153 448.0 378.0 567.0

152 260.0 212.7 319.1





#17

Fluorene

Concen: 0.05 ng

RT: 15.26 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

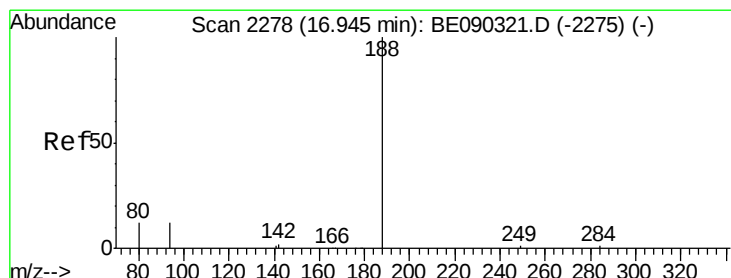
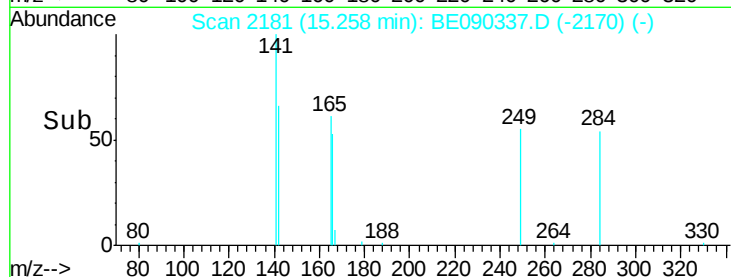
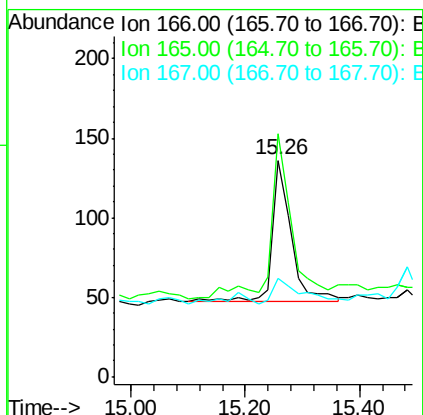
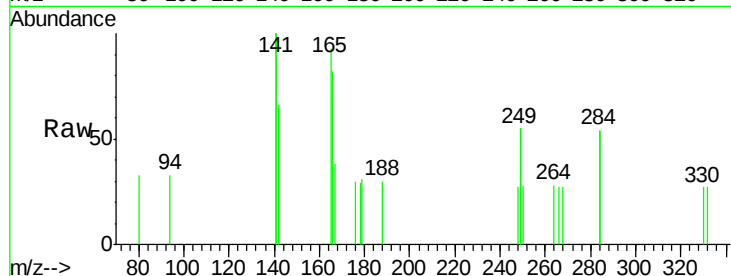
Tgt Ion:166 Resp: 207

Ion Ratio Lower Upper

166 100

165 129.0 82.6 123.8#

167 27.5 11.8 17.8#



#18

Phenanthrene-d10

Concen: 5.00 ng

RT: 16.95 min Scan# 2278

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

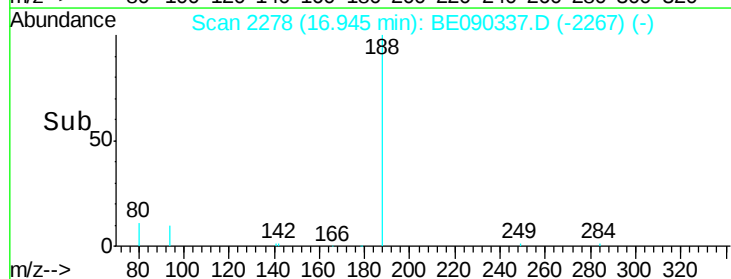
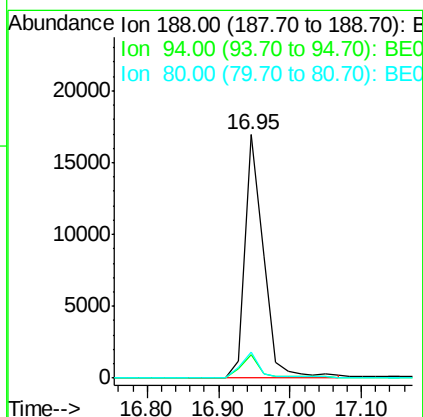
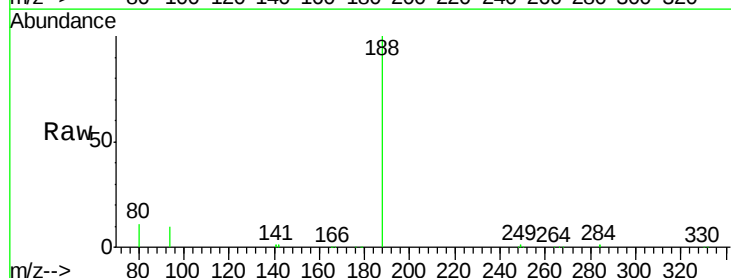
Tgt Ion:188 Resp: 30114

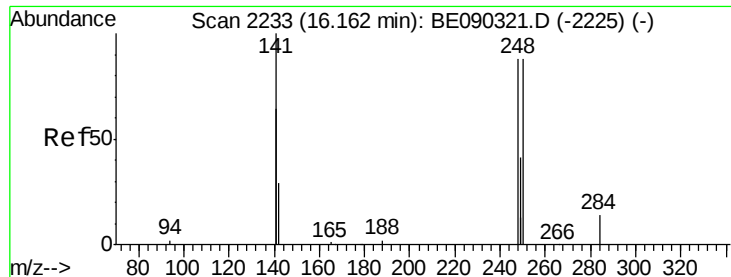
Ion Ratio Lower Upper

188 100

94 9.9 9.5 14.3

80 10.9 10.0 15.0

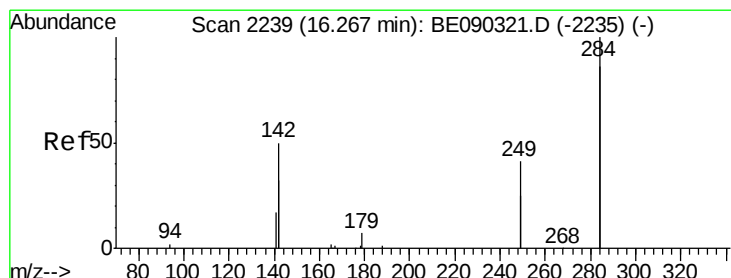
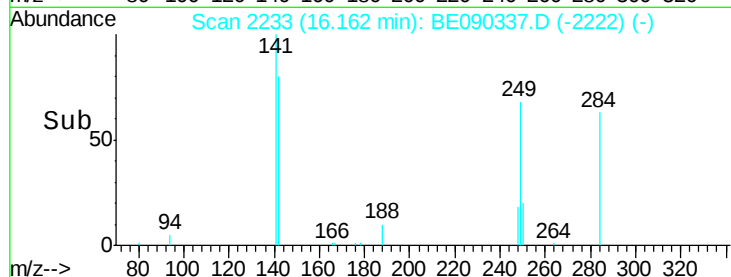
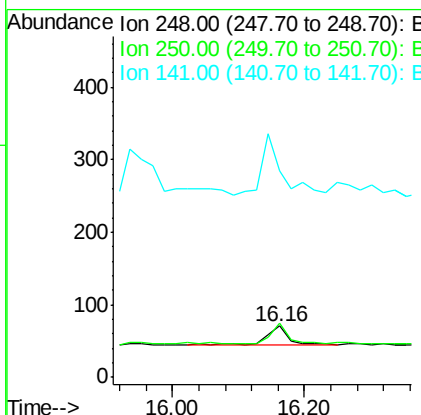
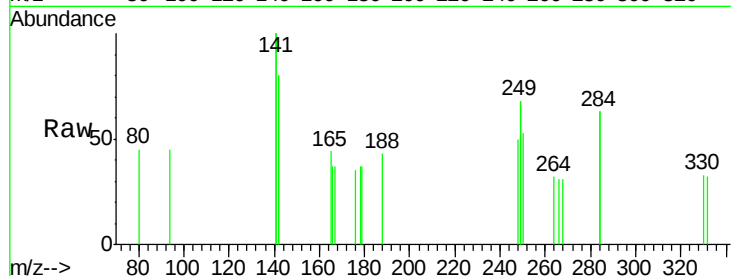




#19
4-Bromophenyl-phenylether
Concen: 0.05 ng
RT: 16.16 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BE090337.D
Acq: 4 Aug 2015 8:48

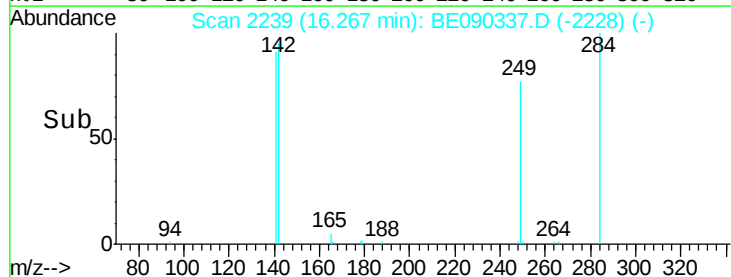
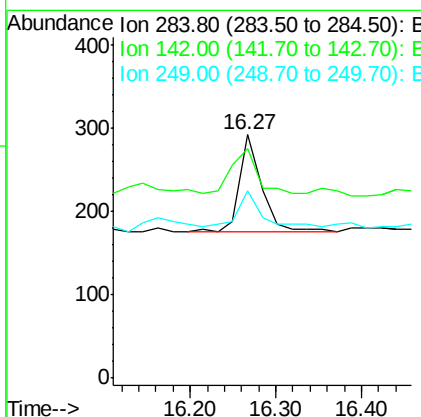
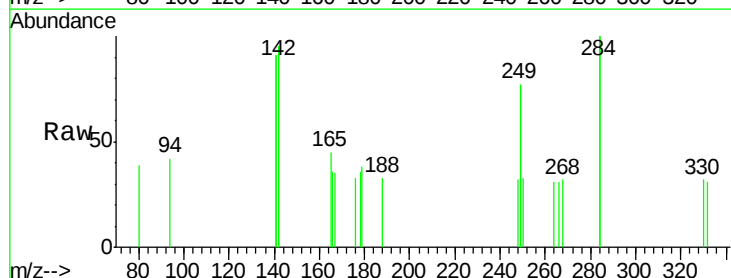
Instrument :
BNA_E
ClientSampleId :
080115-D506-E-U-M

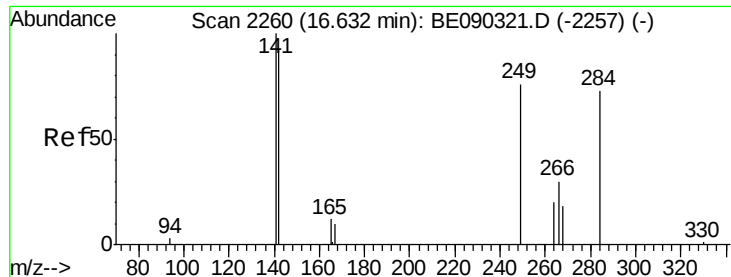
Tgt Ion: 248 Resp: 55
Ion Ratio Lower Upper
248 100
250 94.5 74.0 111.0
141 300.0 258.9 388.3



#20
Hexachlorobenzene
Concen: 0.05 ng
RT: 16.27 min Scan# 2239
Delta R.T. 0.00 min
Lab File: BE090337.D
Acq: 4 Aug 2015 8:48

Tgt Ion: 284 Resp: 200
Ion Ratio Lower Upper
284 100
142 59.5 44.2 66.4
249 43.0 26.4 39.6#

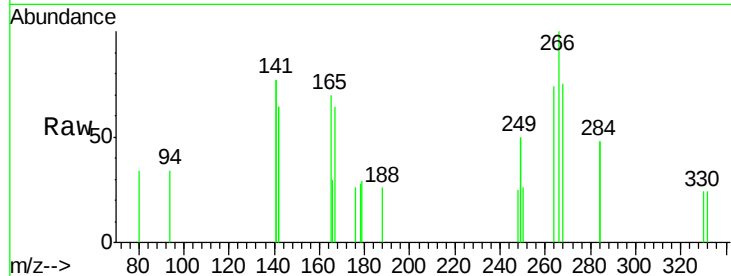




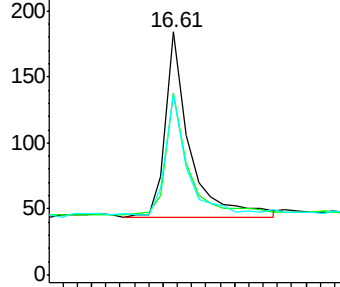
#21
 Pentachlorophenol
 Concen: 1.60 ng
 RT: 16.61 min Scan# 2259
 Delta R.T. -0.02 min
 Lab File: BE090337.D
 Acq: 4 Aug 2015 8:48

Instrument :
 BNA_E
 ClientSampleId :
 080115-D506-E-U-M

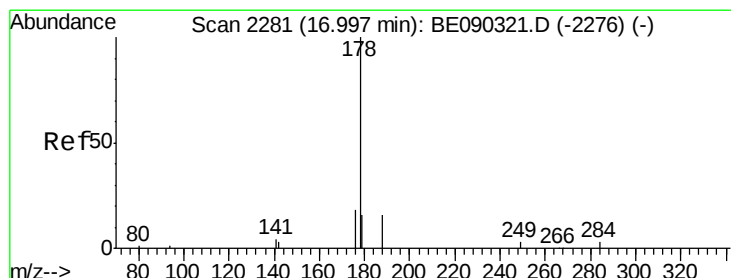
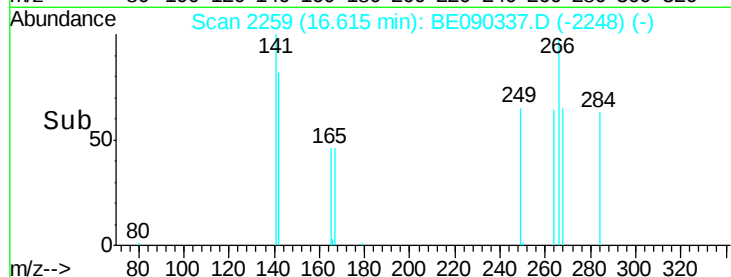
Tgt Ion: 266 Resp: 323
 Ion Ratio Lower Upper
 266 100
 268 75.0 66.2 99.2
 264 74.5 69.1 103.7



Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

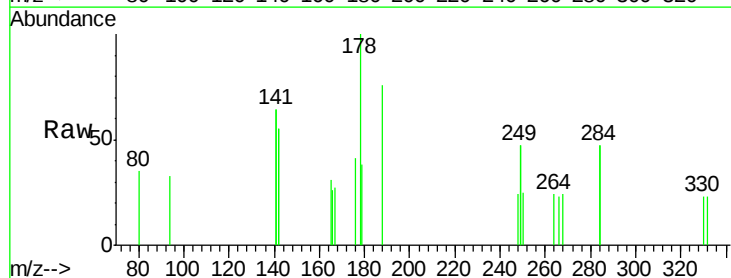


Time-->

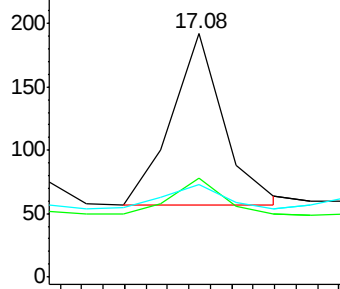


#22
 Phenanthrene
 Concen: 0.03 ng
 RT: 17.08 min Scan# 2286
 Delta R.T. 0.09 min
 Lab File: BE090337.D
 Acq: 4 Aug 2015 8:48

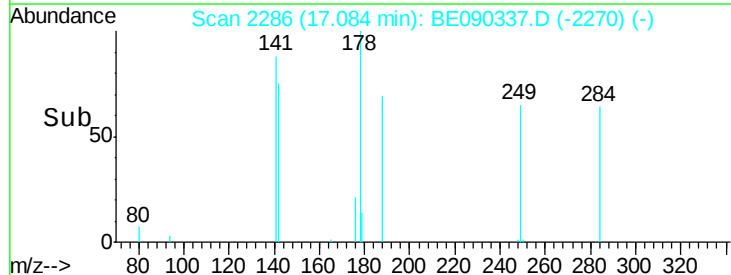
Tgt Ion: 178 Resp: 225
 Ion Ratio Lower Upper
 178 100
 176 20.4 15.5 23.3
 179 17.3 12.6 18.8

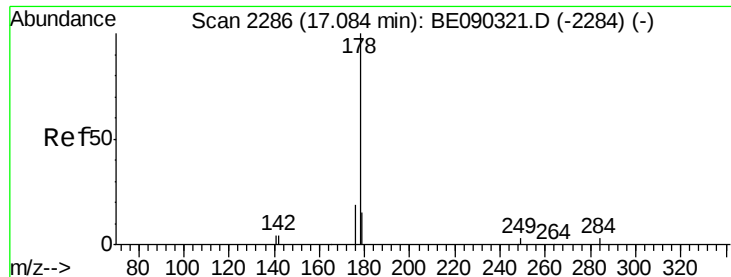


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



Time-->





#23

Anthracene

Concen: 0.04 ng

RT: 17.08 min Scan# 2286

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

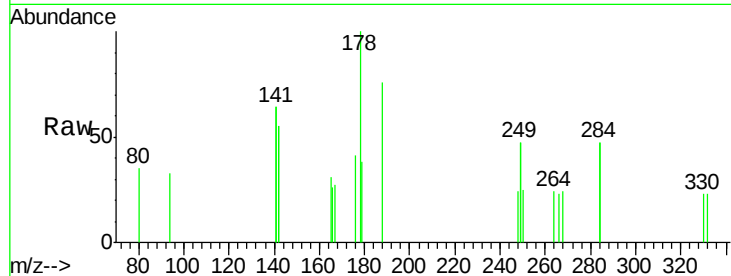
Tgt Ion:178 Resp: 261

Ion Ratio Lower Upper

178 100

176 18.4 15.1 22.7

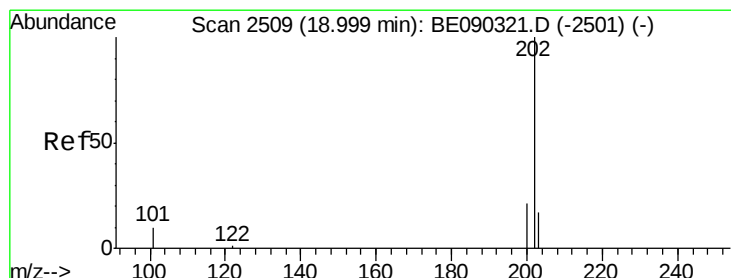
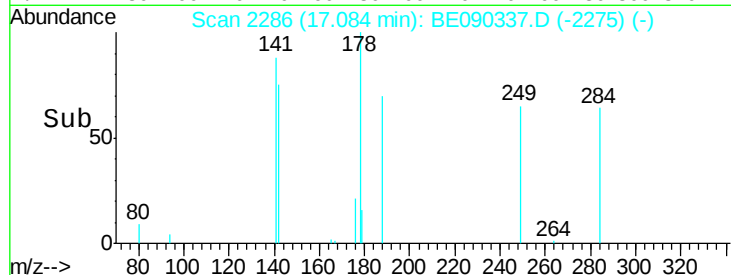
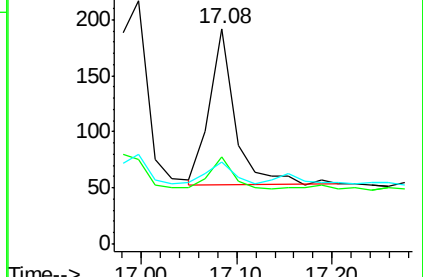
179 13.4 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Fluoranthene

Concen: 0.05 ng

RT: 19.00 min Scan# 2509

Delta R.T. -0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

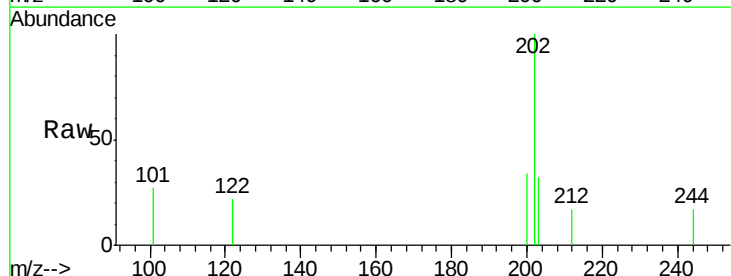
Tgt Ion:202 Resp: 372

Ion Ratio Lower Upper

202 100

101 11.3 8.3 12.5

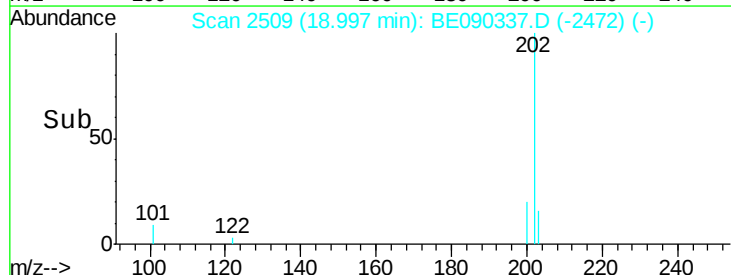
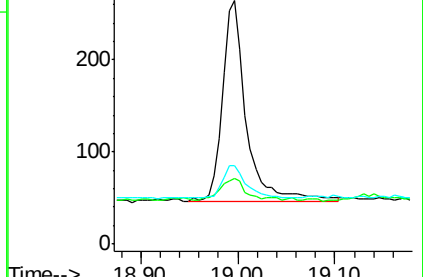
203 16.9 13.8 20.8

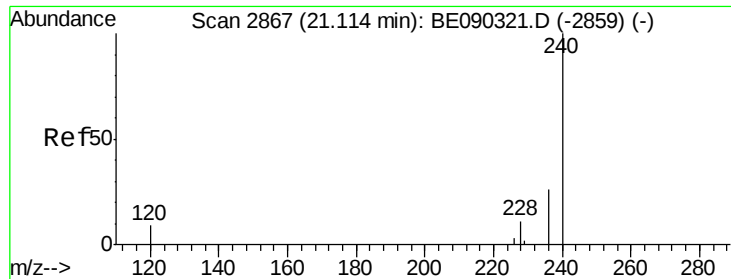


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#25

Chrysene-d12

Concen: 5.00 ng

RT: 21.11 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

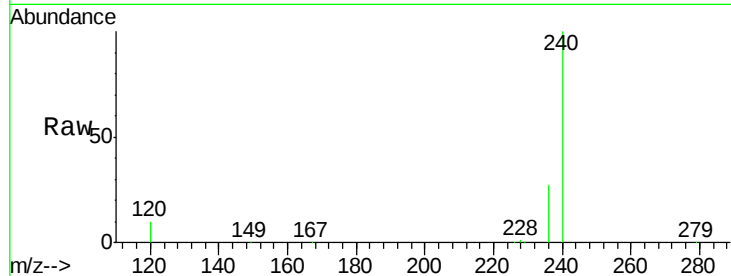
Tgt Ion:240 Resp: 26929

Ion Ratio Lower Upper

240 100

120 9.8 7.5 11.3

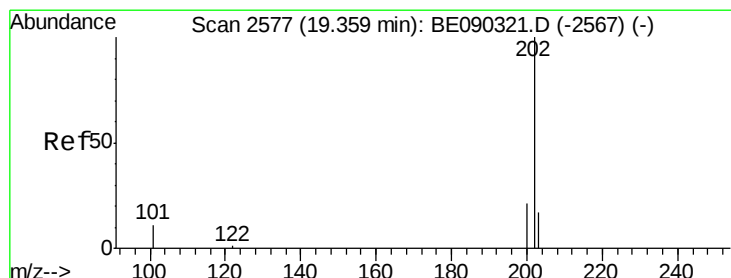
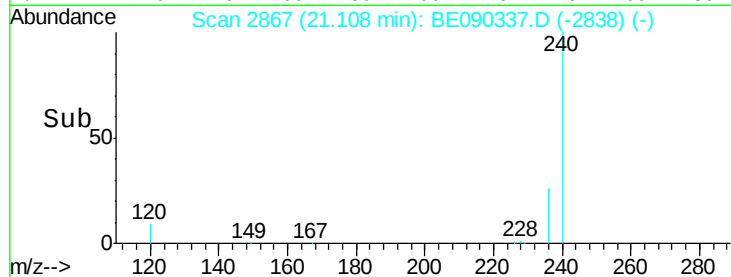
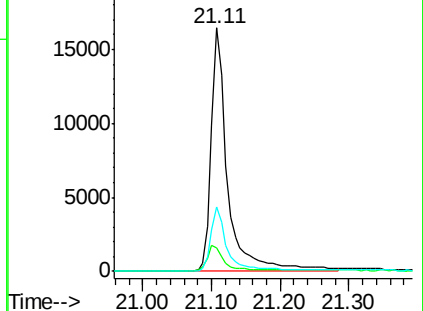
236 26.7 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#26

Pyrene

Concen: 0.05 ng

RT: 19.36 min Scan# 2577

Delta R.T. -0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

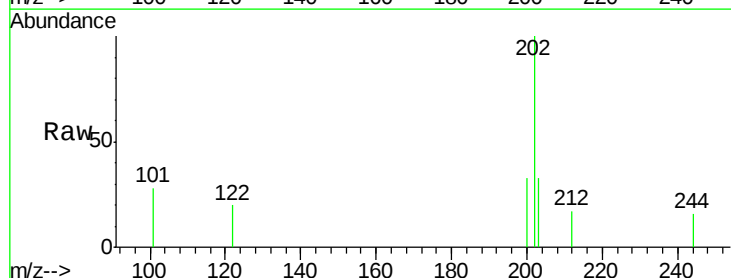
Tgt Ion:202 Resp: 362

Ion Ratio Lower Upper

202 100

200 21.0 16.6 24.8

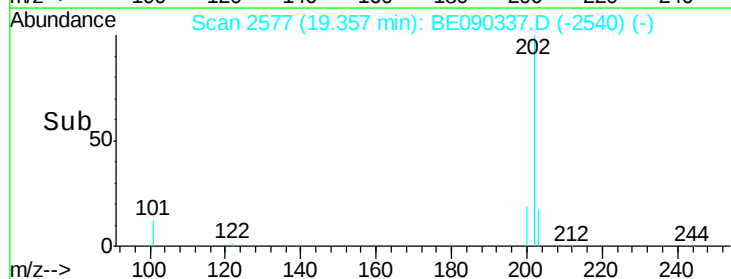
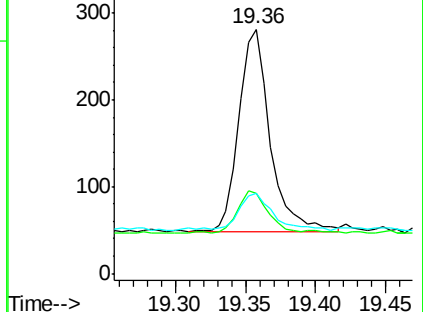
203 18.8 13.8 20.6

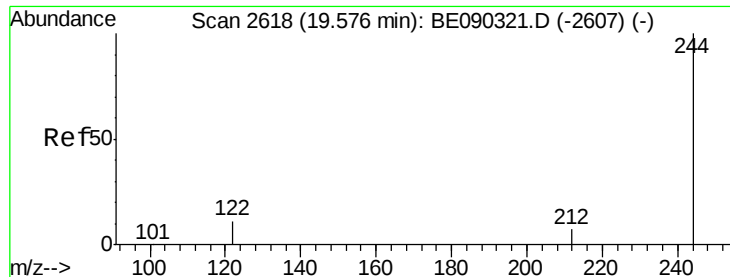


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#27

Terphenyl-d14

Concen: 4.86 ng

RT: 19.56 min Scan# 2616

Delta R.T. -0.01 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

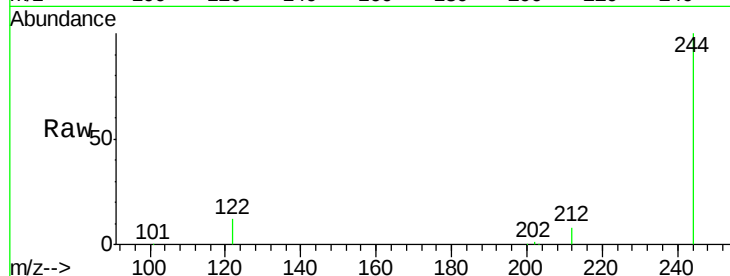
Tgt Ion:244 Resp: 24498

Ion Ratio Lower Upper

244 100

212 7.8 7.4 11.2

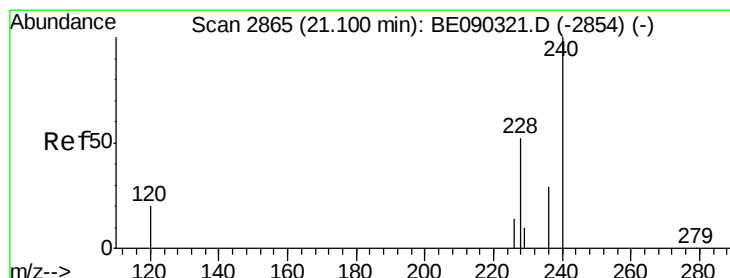
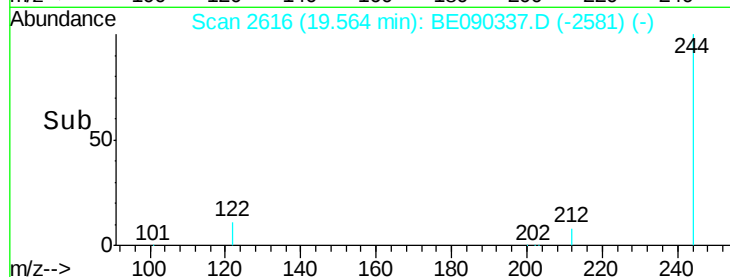
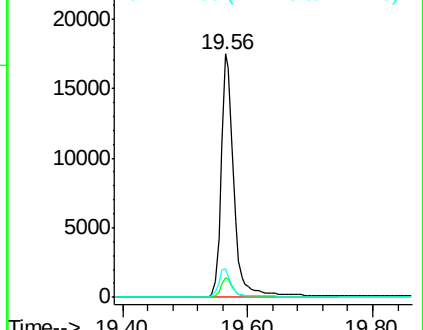
122 11.7 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#28

Benzo(a)anthracene

Concen: 0.06 ng

RT: 21.09 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

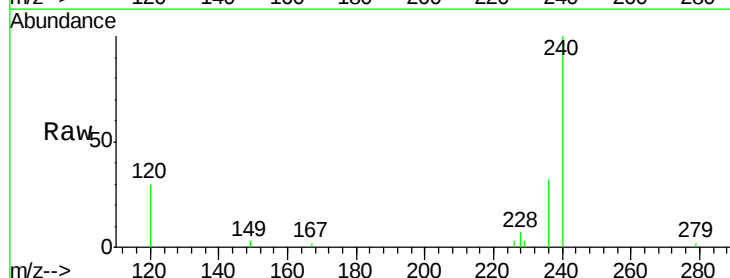
Tgt Ion:228 Resp: 329

Ion Ratio Lower Upper

228 100

226 40.8 23.0 34.4#

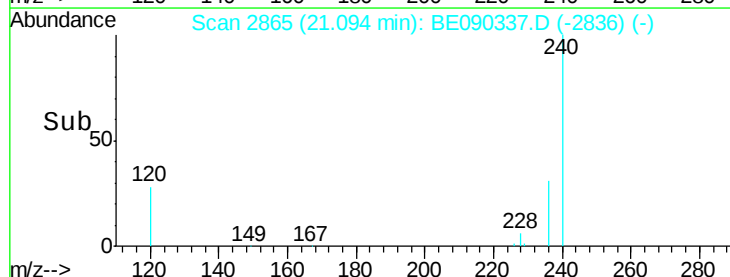
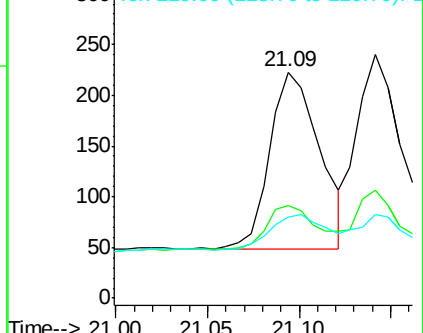
229 35.9 17.4 26.2#

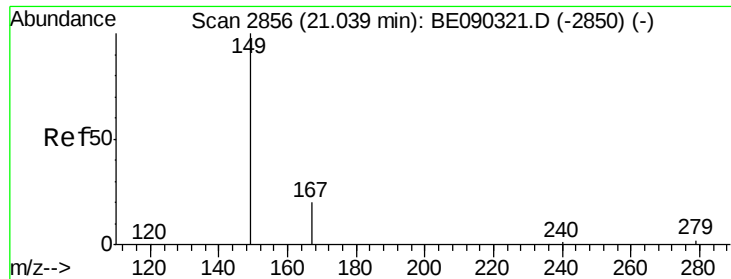


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#30

Bis(2-ethylhexyl)phthalate

Concen: 0.39 ng

RT: 21.03 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

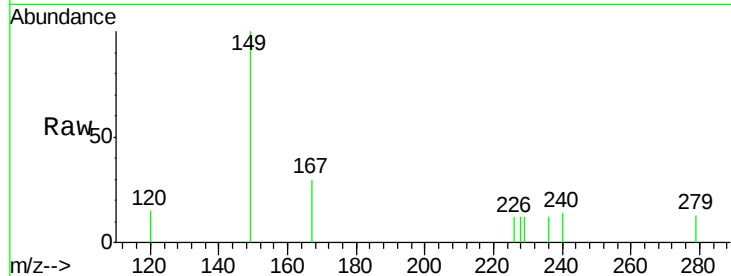
Tgt Ion:149 Resp: 423

Ion Ratio Lower Upper

149 100

167 23.9 16.6 24.8

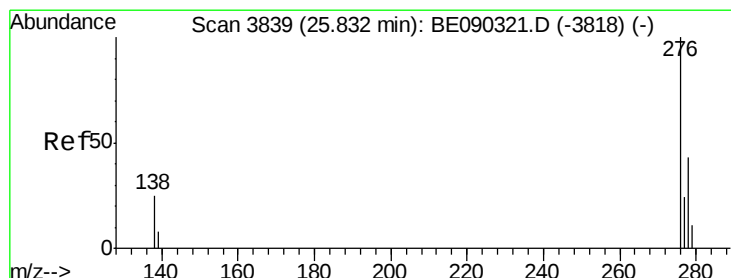
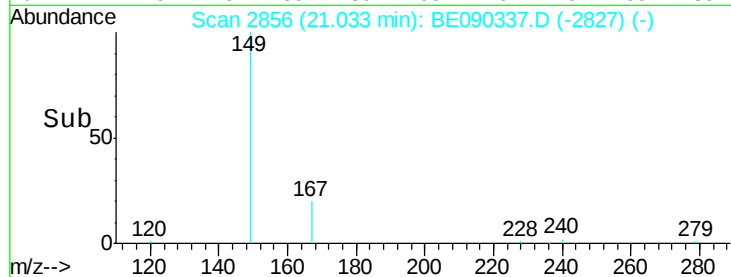
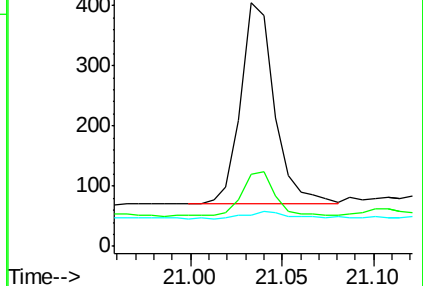
279 5.2 2.7 4.1#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#31

Indeno(1,2,3-cd)pyrene

Concen: 0.25 ng

RT: 25.82 min Scan# 3836

Delta R.T. -0.01 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

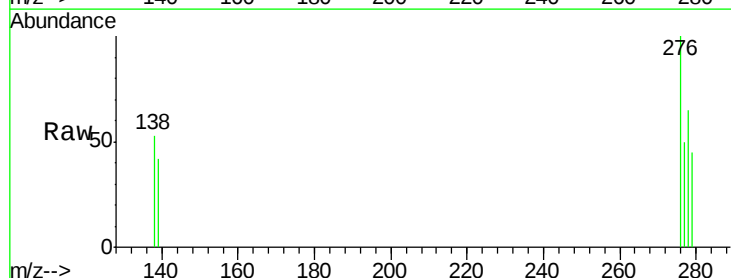
Tgt Ion:276 Resp: 360

Ion Ratio Lower Upper

276 100

138 17.2 10.6 16.0#

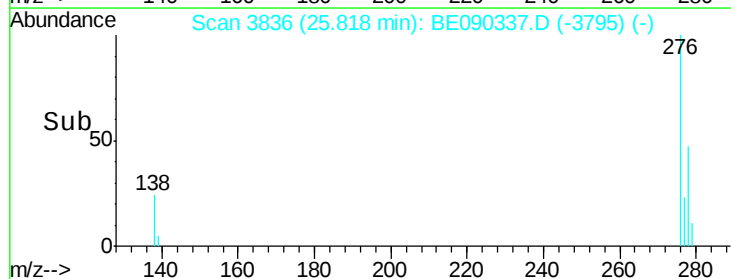
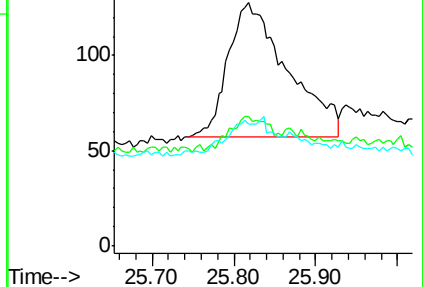
277 9.7 14.6 22.0#

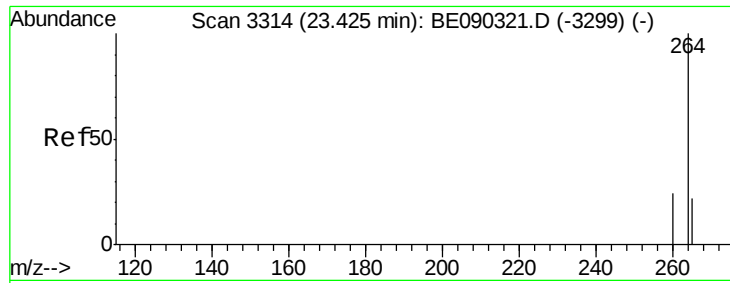


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#32

Perylene-d12

Concen: 5.00 ng

RT: 23.42 min Scan# 3313

Delta R.T. -0.01 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

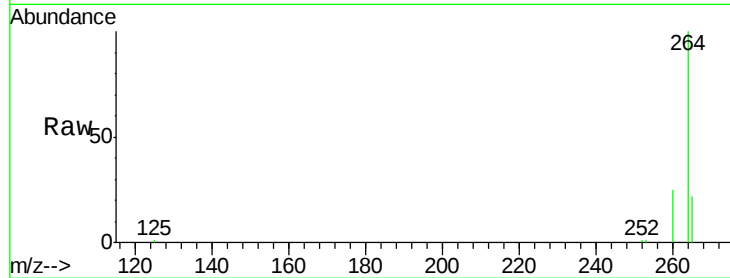
Tgt Ion: 264 Resp: 23511

Ion Ratio Lower Upper

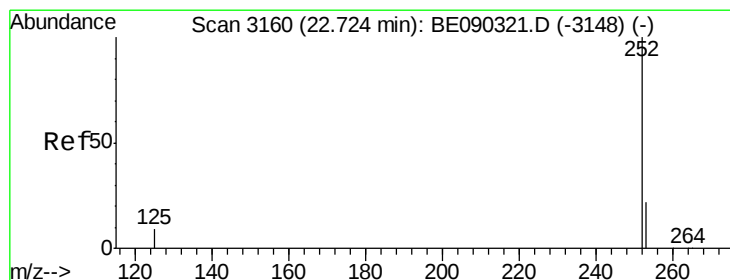
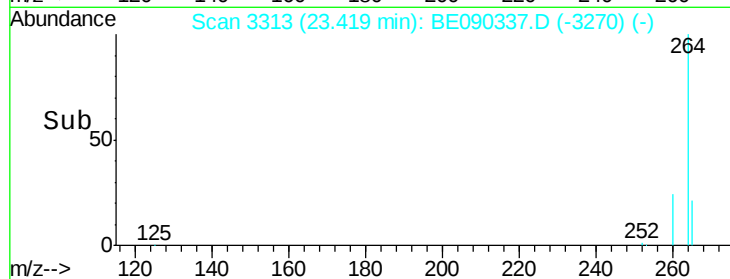
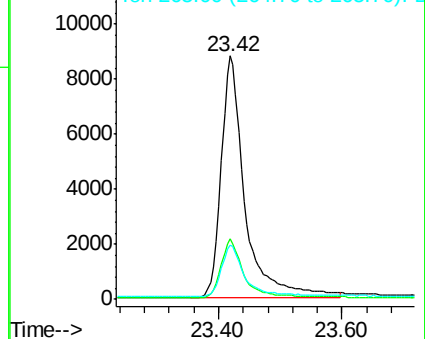
264 100

260 24.9 20.1 30.1

265 22.0 18.6 28.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#33

Benzo(b)fluoranthene

Concen: 0.40 ng

RT: 22.72 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

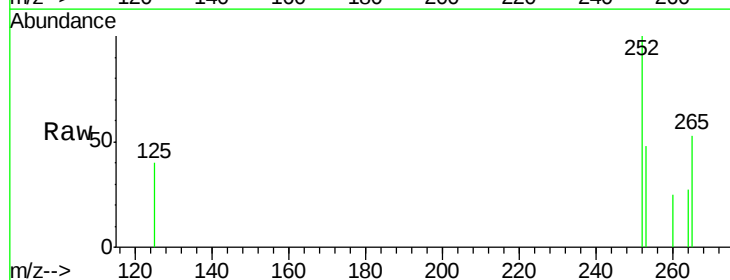
Tgt Ion: 252 Resp: 236

Ion Ratio Lower Upper

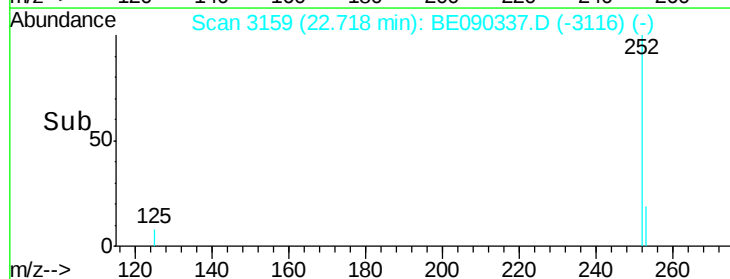
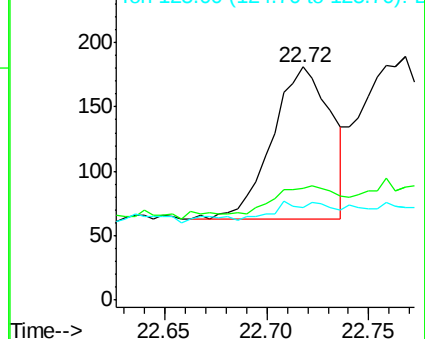
252 100

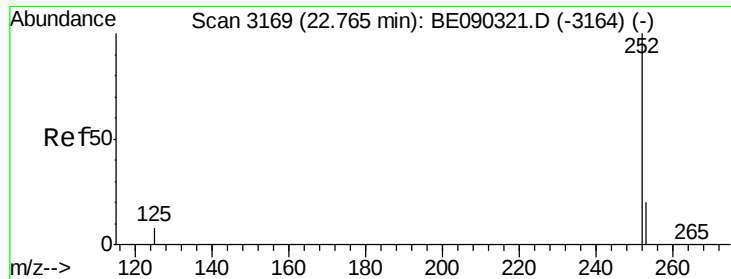
253 48.1 21.5 32.3#

125 39.8 11.8 17.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#34

Benzo(k)fluoranthene

Concen: 0.05 ng

RT: 22.77 min Scan# 3170

Delta R.T. 0.00 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

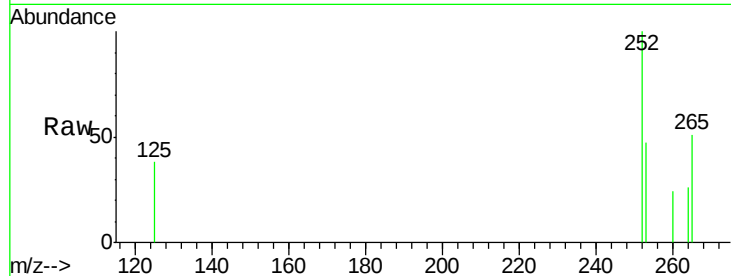
Tgt Ion: 252 Resp: 295

Ion Ratio Lower Upper

252 100

253 46.6 19.9 29.9#

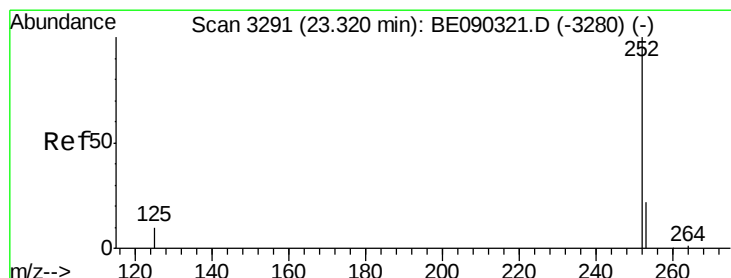
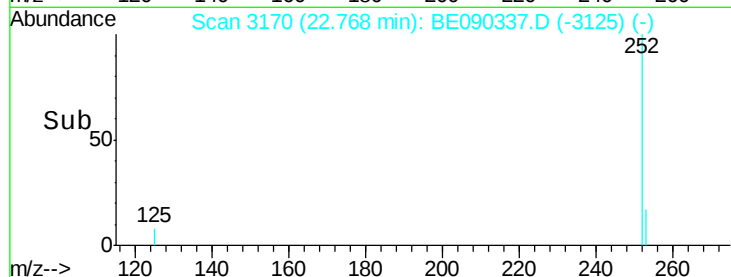
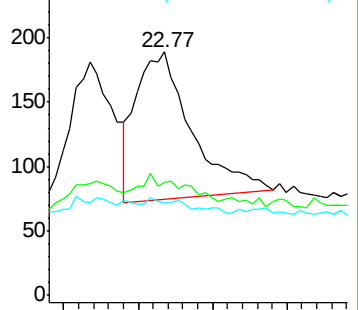
125 38.1 11.2 16.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#35

Benzo(a)pyrene

Concen: 0.36 ng

RT: 23.31 min Scan# 3289

Delta R.T. -0.01 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

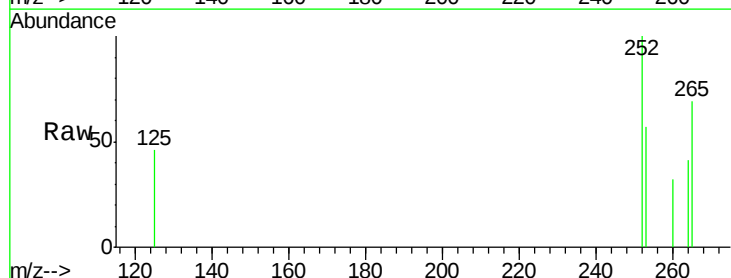
Tgt Ion: 252 Resp: 255

Ion Ratio Lower Upper

252 100

253 56.9 23.0 34.4#

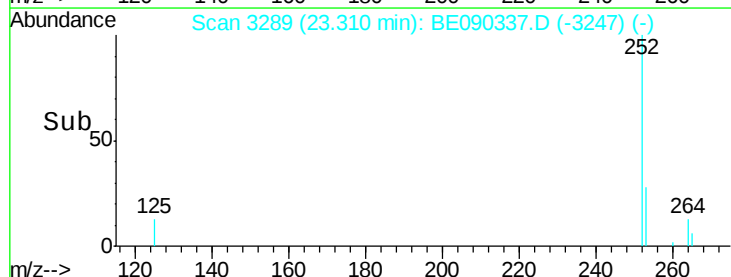
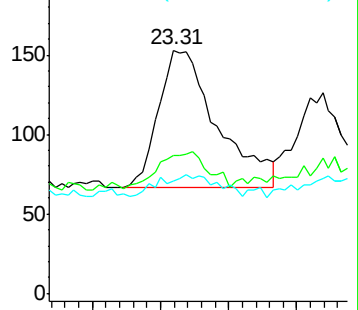
125 46.4 14.2 21.2#

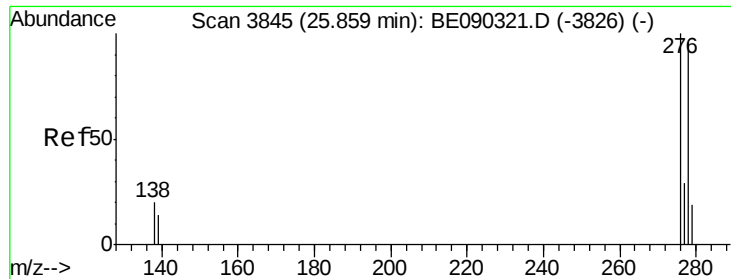


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#36

Dibenzo(a,h)anthracene

Concen: 0.26 ng

RT: 25.84 min Scan# 3841

Delta R.T. -0.02 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

Instrument :

BNA_E

ClientSampleId :

080115-D506-E-U-M

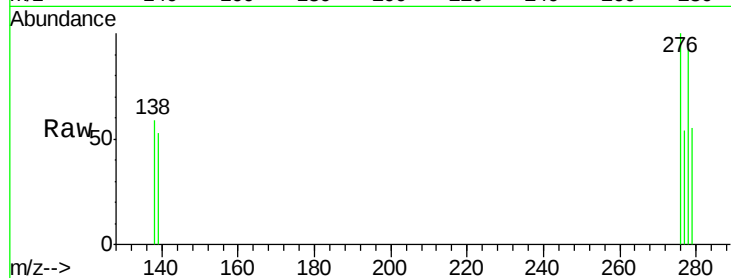
Tgt Ion: 278 Resp: 171

Ion Ratio Lower Upper

278 100

139 57.4 27.8 41.6#

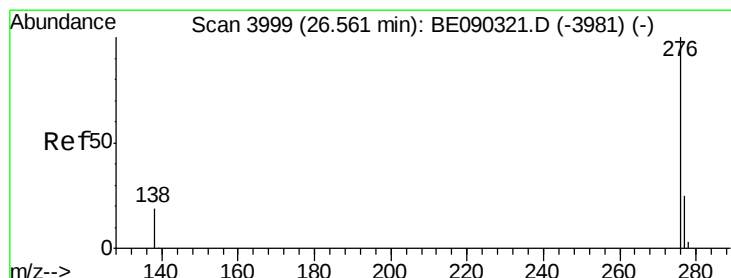
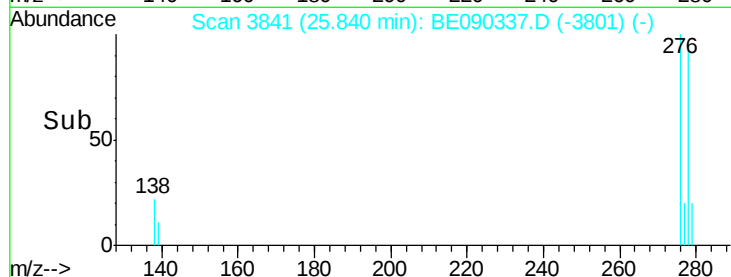
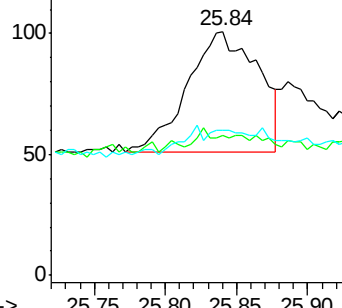
279 59.4 30.9 46.3#



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#37

Benzo(g,h,i)perylene

Concen: 0.34 ng

RT: 26.55 min Scan# 3997

Delta R.T. -0.01 min

Lab File: BE090337.D

Acq: 4 Aug 2015 8:48

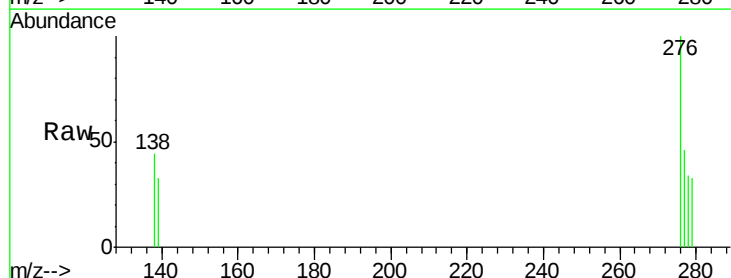
Tgt Ion: 276 Resp: 445

Ion Ratio Lower Upper

276 100

277 45.8 25.6 38.4#

138 43.9 22.0 33.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

